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☐	L9	HPV-6a	6
☐	L8	Ertl.in. and virus	10
☐	L7	Ertl.in. and papilloma virus	3
☐	L6	Ertl.in. and papillomavirus	0
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☐	L1	codon usage pattern	98

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☐ 1. Document ID: US 20050118139 A1, WO 2003018055 A1, EP 1427443 A1

L22: Entry 1 of 2 File: DWPI Jun 2, 2005

DERWENT-ACC-NO: 2003-278620
DERWENT-WEEK: 200537
COPYRIGHT 2006 DERWENT INFORMATION LTD
TITLE: Treating or preventing a disease caused by a papillomavirus, comprises administering to a mammal a vaccine vector comprising a canine papillomavirus E gene

INVENTOR: CHEN, L; HUANG, L ; JANSEN, K U ; MC CLEMENTS, W L ; MONTEIRO, J ; SCHULTZ, L D ; TOBERY, T ; WANG, X ; MCCLEMENTS, W L ; MONTEIRO, J M ; TOBERY, T W

PRIORITY-DATA: 2001US-314395P (August 23, 2001), 2004US-0487148 (August 30, 2004)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20050118139 A1	June 2, 2005		000	A61K048/00
WO 2003018055 A1	March 6, 2003	E	021	A61K039/12
EP 1427443 A1	June 16, 2004	E	000	A61K039/12

INT-CL (IPC): A61 K 39/12; A61 K 48/00; C07 H 21/04; C12 N 7/00; C12 N 15/00; C12 N 15/861

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: DE 60016765 T2, WO 200114416 A2, AU 200070639 A, EP 1212358 A2, JP 2003511010 W, AU 772611 B2, EP 1212358 B1, DE 60016765 E, US 20050075303 A1, ES 2233437 T3

L22: Entry 2 of 2 File: DWPI Nov 24, 2005

DERWENT-ACC-NO: 2001-218428
DERWENT-WEEK: 200581
COPYRIGHT 2006 DERWENT INFORMATION LTD
TITLE: Novel synthetic polynucleotide encoding human papillomavirus (HPV) protein or mutated HPV protein useful as anti-HPV vaccines, comprises optimized-codons for expression of the viral proteins in human host cells

INVENTOR: CHEN, L; JANSEN, K U ; MCCLEMENTS, W L ; NEEPER, M P ; SCHULTZ, L D ; WANG, X ; JANSEN, U ; MCCLEMENTS, L ; NEEPER, P ; SCHULTZ, D

PRIORITY-DATA: 2000US-210143P (June 7, 2000), 1999US-150728P (August 25, 1999),

2000US-0642405 (August 21, 2000), 2003US-0728131 (December 4, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 60016765 T2	November 24, 2005		000	C07K014/025
WO 200114416 A2	March 1, 2001	E	119	C07K014/00
AU 200070639 A	March 19, 2001		000	C07K014/00
EP 1212358 A2	June 12, 2002	E	000	C07K014/025
JP 2003511010 W	March 25, 2003		130	C12N015/09
AU 772611 B2	May 6, 2004		000	C07K014/00
EP 1212358 B1	December 15, 2004	E	000	C07K014/025
DE 60016765 E	January 20, 2005		000	C07K014/025
US 20050075303 A1	April 7, 2005		000	A61K048/00
ES 2233437 T3	June 16, 2005		000	C07K014/025

INT-CL (IPC): A61 K 35/76; A61 K 39/23; A61 K 48/00; A61 P 31/12; C07 H 21/04; C07 K 14/00; C07 K 14/025; C12 N 5/10; C12 N 15/09; C12 N 15/861; C12 P 21/02; C12 Q 1/70

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L21 and papillomavirus	2

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L27	L26 and papillomavirus	191	L27
L26	codon usage	4318	L26
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DB=DWPI; PLUR=YES; OP=ADJ			
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L21	Chen L.in.	3007	L21
L20	WO200114416	0	L20
L19	WO-200114416	0	L19
L18	WO-200114416-A1.did.	0	L18
L17	WO-200208435-A1.did.	1	L17

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DB=EPAB; PLUR=YES; OP=ADJ			
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L14	WO-200208435-A1.did.	0	L14
DB=DWPI; PLUR=YES; OP=ADJ			
L13	Ertl P F.in.	7	L13
DB=USPT; PLUR=YES; OP=ADJ			
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L11	HPV-6.clm.	11	L11
L10	HPV-6	98	L10
L9	HPV-6a	6	L9
L8	Ertl.in. and virus	10	L8
L7	Ertl.in. and papilloma virus	3	L7
L6	Ertl.in. and papillomavirus	0	L6
L5	Ertl.in.	101	L5
L4	Ertl Peter.in.	2	L4
L3	Ertl Peter F.in.	0	L3
DB=PGPB; PLUR=YES; OP=ADJ			
L2	L1 and HPV	10	L2
L1	codon usage pattern	98	L1

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